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ANNUAL REPORT

OF

THE MEDICAL OFFICER


OF HEALTH FOR THE

YEAR ENDED 31st DEC.,

1947.

A. R. GRAHAM, M.B., Ch.B., D.P.H.,
Barrister-at-Law,

Beeley Bros., Lancaster



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TO THE CHAIRMAN
AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to present my Annual Report on the health of the City for the year 1947.

On the whole it has been a satisfactory year. The number of births, 1,030, giving a birth-rate of 20·3, was the highest on record, whilst the infant mortality rate was only slightly higher than the record low figure for 1946. The death-rate of 12·1 is practically the same as that for England and Wales. The number of deaths, 614, was, however, considerably higher than the previous year, but it is worthy of note that one third of them occurred in persons over 75 years of age.

Measles was especially prevalent, the largest number occurring in November, as opposed to the highest number for England and Wales, which occurred in the month of February. Generally speaking, the disease was of a mild type, and there was only one fatal case.

The steady progress made in immunisation led to the outstanding result that only 3 cases of Diphtheria occurred during the year, all in non-immunised persons. This number compares with 25 in 1946, and a yearly average of 59 during the ten years' period 1937-1946.

The year 1947 is also notable for the occurrence of the most severe epidemic of Infantile Paralysis this country has experienced. Lancaster, however, was fortunate in having only 4 cases, plus 1 case of Polio Encephalitis, which unfortunately proved fatal.

The main feature of the work of the Sanitary Inspectors' Department was the Housing Survey which was commenced early in the year, and is now well advanced. The figures in the body of the report indicate, to some extent, the information which this comprehensive survey is bringing to light regarding the housing conditions in the City.

For record purposes the figures relating to School Medical Inspection have once again been embodied in the report.

I would like to record my appreciation of the help and co-operation given to me by the Chairman and members of the Public Health Committee, and also of the loyal assistance given to me by the staff in carrying out the work of the department.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

A. R. GRAHAM,

Medical Officer of Health.

VITAL STATISTICS.

Area (in Acres)	5,036
Population (Registrar General's Estimate), Mid-year 1947 ...	50,540
Number of Inhabited Houses according to Rate Books ...	13,086
Rateable Value	£337,591
Sum represented by a Penny Rate	£1,362

Per 1,000 estimated
population.

LIVE BIRTHS. BIRTH RATE ... 20·3

	Males.	Females.
Total	512	518
Legitimate	488	489
Illegitimate	24	29

STILL BIRTHS.

	Males.	Females.
Total	17	9
Legitimate	16	7
Illegitimate	1	2

Per 1,000 total
(live & still births).

STILL BIRTH RATE ... 24

DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

	Males.	Females.
Total	26	17
Legitimate	25	16
Illegitimate	1	1

Per 1,000 live births.

INFANT MORTALITY RATE ... 41

Per 1,000 estimated
population.

DEATHS. CRUDE DEATH RATE ... 12·1

Males	317
Females	297

MATERNAL DEATHS.

Death Rate per 1,000 total
(live and still) births.

(1) Puerperal Sepsis	1	0·94
(2) Other maternal causes	—	Nil.

DEATHS FROM —

Cancer	89
Measles	1
Whooping Cough	1
Diarrhoea (under 2 years of age) ...	1
Tuberculosis—Respiratory	27
Other forms	2

COMPARATIVE STATISTICS.

	Per 1,000 of Estimated Population.				Maternal Mortality Rate.		Rate of Deaths under one year per 1,000 Live Births.
	Live Birth Rate	Death Rate.	Death Rate from Tuberculosis of the Respiratory System.	Death Rate from Cancer.	Per 1,000 Live Births.	Per 1,000 total (Live and Still) Births.	
Mean of 5 years, 1942-46	15.9	11.1	0.39	1.58	1.89	1.83	47
1946	18.2	10.0	0.50	1.62	1.10	1.07	40
1947	20.3	12.1	0.53	1.76	0.97	0.94	41
Increase or Decrease in 1947 on—							
5 years' Average, 1942-46	+4.4	+1.0	+0.14	+0.18	-0.92	-0.89	-6
Previous year	+2.1	+2.1	+0.03	+0.14	-0.13	-0.13	+1

CAUSES OF DEATH, 1947.

	CAUSES.	Males.	Females.	Total.
1.	Typhoid and paratyphoid Fevers	...	0	0
2.	Cerebro Spinal Fever	...	0	0
3.	Scarlet Fever	...	0	0
4.	Whooping Cough	...	1	1
5.	Diphtheria	...	0	0
6.	Tuberculosis of the Respiratory System	... 18	9	27
7.	Other forms of Tuberculosis	...	2	2
8.	Syphilitic diseases	...	0	0
9.	Influenza	... 2	2	4
10.	Measles	... 1	0	1
11.	Acute poliomyelitis and polio-encephalitis.	0	1	1
12.	Acute infectious Encephalitis	... 0	0	0
13.	Cancer of Buc: cav: & œsoph: (M) uterus (F)	6	5	11
14.	Cancer of stomach and duodenum	... 11	8	19
15.	Cancer of breast	... 1	9	10
16.	Cancer of all other sites	... 22	27	49
17.	Diabetes	... 2	3	5
18.	Intra cranial vascular lesions	... 25	47	72
19.	Heart Disease	... 105	76	181
20.	Other diseases of circulatory system	... 18	11	29
21.	Bronchitis	... 17	8	25
22.	Pneumonia	... 7	10	17
23.	Other respiratory diseases	... 8	3	11
24.	Ulcer of stomach or duodenum	... 6	1	7
25.	Diarrhœa (under 2 years)	... 1	1	2
26.	Appendicitis	... 0	2	2
27.	Other digestive diseases	... 4	4	8
28.	Nephritis	... 11	20	31
29.	Puerperal and post-abortion sepsis	... 0	1	1
30.	Other maternal causes	... 0	0	0
31.	Premature birth	... 8	3	11
32.	Congenital malformation, birth injury, infantile diseases:	... 9	6	15
33.	Suicide	... 6	0	6
34.	Road traffic accidents	... 1	1	2
35.	Other violent causes	... 9	2	11
36.	All other causes	... 19	34	53
Total Deaths from all Causes		... 317	297	614

DEATHS BY WARDS in 1947.

	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65-75	75-80	80+	Total.
Castle ...	5	—	—	—	—	—	—	1	7	3	15	17	6	6	60
John O'Gaunt ...	8	1	—	—	—	1	—	—	1	5	18	27	18	16	95
Park ...	6	—	1	—	—	1	1	1	6	3	22	34	12	15	102
Queen's ...	1	—	—	—	—	—	—	—	—	3	20	25	9	15	73
Scotforth...	4	—	—	—	—	1	—	—	—	3	11	19	17	18	73
Skerton East	6	—	1	—	1	—	—	—	5	5	20	16	8	13	75
Skerton West	10	—	—	1	—	3	—	—	4	4	17	19	17	12	87
St. Anne's	3	1	—	—	—	—	—	—	1	1	13	11	8	11	49
Total ...	43	2	2	1	1	6	1	2	24	27	136	168	95	106	614

DEATHS IN HOSPITALS AND INSTITUTIONS.

Royal Lancaster Infirmary	...	...	...	...	...	141
Public Assistance Institution	...	...	...	...	...	57
County Mental Hospital	...	...	...	...	...	15
Lancaster Pulmonary Hospital	...	...	...	...	...	7
Lancaster and District Isolation Hospital...	...	...	...	...	...	5
Nazareth House	...	...	...	...	...	4
Hospitals, etc., outside the area	...	...	...	...	...	17
						<hr/> 246

INFECTIOUS DISEASE.

During the latter part of the year Measles was particularly prevalent, 815 cases being notified. The disease was generally mild in character, and only one case proved fatal.

A notable feature was the big decrease in the number of cases of Diphtheria, to a record low total of 3. None of the cases was fatal, and all were of non-immunised persons.

The number of cases of Scarlet Fever was again reduced from 53 to 38. It continues to be of a relatively mild type

Although the epidemic of Acute Poliomyelitis and Acute Polio-Encephalitis was particularly severe in the administrative County, the number of cases in the City of Lancaster was limited to 4 of Polio-myelitis and 1 of Polio-Encephalitis, the latter being fatal.

The four cases of Poliomyelitis received treatment at the Slyne Road Isolation Hospital, and two were afterwards removed to Ethel Hedley Hospital, Windermere, for orthopædic treatment.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

DISEASE.	CASES NOTIFIED.												Deaths		
	Cases Admitted to Hospital.														
	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over		Total	
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles (excluding Rubella)	22	86	89	108	118	366	5	13	6	2	...	...	815	57	1
Whooping Cough	12	8	15	14	19	44	1	1	...	...	...	...	114	7	1
Acute Pneumonia (Primary and Influenzal)	...	1	1	2	...	4	...	2	8	14	27	13	72	58	all forms
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis	...	...	...	...	...	2	...	1	...	...	...	...	4	4	...
Polio-encephalitis	...	...	...	1	...	...	...	...	...	...	...	...	1	1	1
Encephalitis lethargica	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...	1	...	2	2	...
Ophthalmia Neonatorum	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	9	4	14	10	...
Malaria (contracted abroad)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Food Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals..	35	95	108	125	144	442	11	17	20	20	37	19	1073	182	28

TUBERCULOSIS.

The following table gives details of the number of cases of tuberculosis notified in each of the past ten years, and it will be noticed that the figure for 1947 has decreased somewhat from the high number notified in 1946.

The number of non-pulmonary cases also shows a further decrease. The number of deaths, 29, remains the same as that for the previous year.

		CASES NOTIFIED.		DEATHS.	
		Respiratory.	Other Forms.	Respiratory.	Other Forms.
1938	...	33	24	33	4
1939	...	36	12	15	2
1940	...	45	18	27	6
1941	...	48	10	25	3
1942	...	35	11	20	5
1943	...	43	10	19	2
1944	...	40	14	20	6
1945	...	46	13	17	10
1946	...	52	9	25	4
1947	...	38	7	27	2

Notified cases and deaths in 1947 :—

Age Periods		CASES NOTIFIED.				DEATHS.			
		Respiratory		Other Forms		Respiratory		Other Forms	
		Males	Females	Males	Females	Males	Females	Males	Females
0-1	...	—	—	—	—	—	—	—	—
1-5	...	—	—	—	2	—	—	—	—
5-10	...	—	—	—	—	—	—	—	1
10-15	...	—	—	—	—	—	—	—	—
15-20	...	2	4	—	—	—	2	—	—
20-25	...	3	3	1	—	2	2	—	—
25-35	...	2	6	—	—	3	—	—	—
35-45	...	3	2	—	—	3	3	—	—
45-55	...	7	1	—	—	7	—	—	1
55-65	...	3	1	—	—	2	—	—	—
Over 65	...	—	1	1	3	1	2	—	—
		20	18	2	5	18	9	—	2
		38		7		27		2	

DIPHTHERIA IMMUNISATION.

As a result of the intense campaign against Diphtheria, and the good response of parents to immunisation, the number of cases fell to the record low total of 3. The beneficial results of Diphtheria Immunisation are also borne out by the figures for the rest of the Country, which are the lowest on record. It is significant that the 3 cases notified had not been immunised. Since the inception of immunisation in 1937, no deaths have occurred in immunised children.

In addition to the 548 children under 15 years of age who received a full course of immunisation, a further 487 received a secondary or re-inforcing injection. Of the children aged 0-5, 42·9 per cent. have been immunised, and 96·8 per cent. of children aged 5-15 years.

I. IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children who had completed a full course of Immunisation at any time up to 31st December, 1947.

Age at 31/12/47.. i.e. Born in Year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1936-42	10 to 14 1931-35	Total under 15
Number Immunised ...	52	346	400	346	516	3,122	3,125	7,907
Estimated mid-year population 1947 ...	3,870					6,453		

II. DIPHTHERIA NOTIFICATIONS AND DEATHS
IN RELATION TO IMMUNISATION.

NOTIFICATIONS.			DEATHS.		
Age at date of Notifica- tion.	Number of cases notified.	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation.	Age at date of death.	Number of Deaths.	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation.
under 1...	-	—	under 1...	—	—
1-2 ...	—	—	1-2...	—	—
2-3...	—	—	2-3...	—	—
3-4...	—	—	3-4...	—	—
4-5...	2	—	4-5...	—	—
5-9...	—	—	5-9	—	—
10-14...	—	—	10-14...	—	—
Totals ...	2	—	Totals ...	—	—

STEPS TO COMBAT INFESTATION.

Two special cleansing clinics have been established and continue to operate regularly, although the number of cases attending shows a marked decrease. One woman is employed full-time in dealing with scabies and cases of pediculosis. Adult males are treated by a male part-time worker who is paid on a sessional basis.

Sacker's steel combs and special head lotions, e.g., Lethane, are lent or supplied from the clinic in suitable cases, with instructions for use

The health visitors, who are also school nurses, follow up their routine cleanliness examinations at schools, and give advice regarding pre-school children and others.

Leaflets are distributed through the schools and Infant Welfare Centres in regard to the maintenance of personal cleanliness.

The following table gives details of treatments for scabies :—

THURNHAM HOUSE.						
Number of families—54.						
	Adults		Children		Total	
Number of individual cases	...	9	...	56	...	65
Number of treatments	...	13	...	111	...	124
HARE RUNS.						
Number of families—37.						
	Adults		Children		Total	
Number of individual cases	...	15	...	37	...	52
Number of treatments	...	29	...	65	...	94

MATERNITY AND CHILD WELFARE.

INFANT WELFARE CLINICS.

	0-12 months			1-5 years	
	First Attendances	Re-Attendances		First Attendances	Re-Attendances
Thurnham House...	467	5135	...	64	1004
Ryelands House ...	254	3091	...	23	389

ANTE-NATAL CLINICS.

	First attendances	Re-attendances	Total
Thurnham House ...	278	413	691
Ryelands House ...	171	322	493

NOTIFICATION OF BIRTHS.

Live Births	...	...	1013	
Still Births	...	...	25	
Total	...	1038	Non-notified Births...	3

Place of confinement—Lancaster residents :—

Royal Lancaster Infirmary	...	...	394
Westhaven Nursing Home	...	...	100
Public Assistance Institution	...	...	17
Private Nursing Homes outside Lancaster			17
Own Home	...	...	513
			<u>1041</u>

Of 1006 births investigated :—

Delivered by a Doctor	...	...	194
„ „ Midwife	...	...	809
Born before arrival of Doctor or Midwife			3

INFANTILE MORTALITY.

No. of deaths of Infants under one year of age	...	...	43
Rate per 1,000 live births	...	...	41

Infant Deaths by Wards :—

Ward.	Male.	Female.	Total.
Castle ...	3	2	5
John o'Gaunt...	6	2	8
Park ...	2	4	6
Queen's	1	—	1
Scotforth	1	3	4
Skerton East ...	3	3	6
Skerton West...	6	4	10
St. Anne's	3	—	3

CAUSES OF DEATH OF INFANTS UNDER ONE YEAR OF AGE.

CAUSE.	Under one week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	TOTAL.
Convulsions ...	1	—	—	—	1	—	—	—	—	1
Bronchitis	—	—	—	—	—	1	—	—	—	1
Pneumonia (all forms) ...	—	—	—	1	1	3	2	1	—	7
Enteritis ...	—	—	—	—	—	—	—	1	—	1
Gastritis ...	—	1	—	—	1	1	—	—	—	2
Suffocation (over-laying) ...	—	—	—	—	—	—	1	—	—	1
Injury at Birth ...	1	—	—	—	1	—	—	—	—	1
Atelectasis ...	2	—	—	—	2	2	—	—	—	4
Premature Birth...	8	3	1	1	13	—	—	—	—	13
Other Causes ...	4	2	1	2	9	—	—	1	2	12
Total ...	16	6	2	4	28	7	3	3	2	43

WORK OF HEALTH VISITORS.

Routine Visits to :

	1st Visit.	Re-Visits.	Total.
Expectant mothers ...	285	112	397
Children under 1 year ...	1006	3060	4066
Children 1-5 years ...	—	4706	4706
Special Visits ...	—	—	499

CHILD LIFE PROTECTION (Foster Children).

Thirteen children were on the register at the end of the year. 35 visits were made during the year by the Health Visitors.

CARE OF ILLEGITIMATE CHILDREN.

The City Council has joined the scheme formulated by the Lancashire County Council in accordance with the provisions of Ministry of Health Circular 2866, and worked in close association with voluntary bodies already in existence. The scheme has worked very smoothly during the year. Four illegitimate children were provided for under the scheme.

CARE OF PREMATURE INFANTS.

No special arrangements have been made for the care of premature infants.

HOME HELP SCHEME FOR MATERNITY CASES.

Home Helps were provided in six confinements.

DOMESTIC HELP SCHEME.

Following further publicity, a large increase occurred in the demand for the services of Domestic Helps 27 cases were dealt with during the year. The Domestic Helpers available are mostly part-time, and the supply is hardly adequate for the present demand.

DAY NURSERIES.

One Nursery at Ryelands Park was in operation throughout the year as a non-residential Day Nursery. The estimated number of places possible is 68, but with the staff available the maximum number that can be catered for is 50. The following details show the average daily attendances :—

1947	0—2	2—5	Total
January—March	9	21	30
April—June	12	29	41
July—September	16	35	51
October—December	12	30	42

ADOPTION OF CHILDREN (REGULATIONS) ACT, 1939.

Number of persons who gave notice under section 7 (3)

during the year Nil.

Total number of children “adopted” under the section

during the year Nil.

WORK OF SANITARY INSPECTORS.

Mr. F. Shaw, Senior Sanitary Inspector, reports as follows :—

CLOSET ACCOMMODATION AT END OF 1947.

Privy Middens—No. of middens, 1 ; No. of closets attached to these middens, 1. No. of pail closets, 7. No. of dry ashpits, 6. No. of movable ashbins, 13,866. No. of houses on water carriage system, 13,078. No. of fresh water closets, 17,029. No. of waste water closets, nil. Conversions during 1947, Nil.

SANITARY INSPECTIONS DURING 1947.

No. of premises visited, 19,928. Defects or nuisances—No. discovered, 1,270 ; No. abated, 844. No. of notices served—Informal, 489 ; Statutory, 236. Legal proceedings, 1. Result, Nuisance order for 56 days.

SANITARY IMPROVEMENTS EFFECTED FOLLOWING ACTION BY THE SANITARY INSPECTORS.

Repairs to Dwelling Houses.

Roofs repaired	...	...	...	...	...	67
Gutters and downspouts repaired	...	...	...	...	...	164
Floors repaired	...	...	...	...	...	21
Walls and ceilings re-plastered or repaired	...	...	...	...	...	38
Dampness of walls remedied	...	...	...	...	...	10
Windows repaired	...	...	...	...	...	47
New sinks provided	...	...	...	...	...	1
Verminous houses disinfested	...	...	...	...	...	4

Drainage, Sanitary Accommodation, Etc.

Drains cleared from obstruction	...	...	...	...	...	53
Drainage systems repaired or re-laid	...	...	...	...	...	63
Drains disconnected from sewer	...	...	...	...	...	6
Public sewers repaired	...	...	...	...	...	8
W.C.'s re-constructed or repaired	...	...	...	...	...	83
Dustbins provided	...	...	...	...	...	96

Various.

Nuisances from the keeping of animals abated	...	...	...	...	...	1
Offensive accumulations removed	...	...	...	...	...	11
Improvements in factories	...	...	...	...	...	46
Miscellaneous	...	...	...	...	...	105

Issue of certificates of priority for supply of building materials, etc.

During the year 659 certificates of priority for the supply of building materials and sanitary fittings, etc., were given to building contractors and others.

Certificates issued for building materials :—

Timber (eaves, gutters, etc.)	...	...	...	...	145
Rainwater pipes, drain pipes, etc.	...	...	...	...	28
W.C. pedestal basins	...	...	...	...	78
W.C. cisterns	...	...	...	...	5
Lavatory basins	...	...	...	...	17
Sinks	...	...	...	...	8
Plaster and cement	...	...	...	...	6
Lead pipe and lead sheet	...	...	...	...	11
Glass	...	...	...	...	357
Miscellaneous	...	...	...	...	4
					<hr/> 659

SHOPS AND OFFICES.

Particulars of any action taken under the provisions of—

- (a) Shops Act, 1934, relating to ventilation and temperature of shops and to sanitary conveniences.
- (b) Public Health Act, 1936, relating to conditions in offices, *i.e.*, ventilation, sanitary conveniences, etc.

Pressure of other duties and the undesirability of insisting on improvements requiring building works under present circumstances, prevented any action being taken under these headings.

CAMPING SITES (OTHER THAN MILITARY).

No sites were used for camping purposes, and consequently no action was necessary under Section 269 of the Public Health Act, 1936.

SMOKE ABATEMENT.

Action taken during the year was largely concentrated on the inspection of combustion plants rather than on observations of chimneys. Seventy-eight inspections of plant were made and new records compiled. Ten observations of chimneys were made and in two instances where a nuisance existed, notices were served.

One large steam raising plant which formerly consumed about 400 tons of coal per week was converted to oil consumption.

Following a thorough inspection of another plant by the sanitary inspectors, alterations were made in the construction of the flues which resulted in an increased efficiency and less smoke.

In one particular case the department was asked to examine the plant whilst the factory was closed and to make suggestions for the improvement of the efficiency and the reduction of smoke emission. It is hoped to develop this advisory service and, with this in view, equipment for measuring boiler efficiency has been ordered.

ERADICATION OF BED BUGS

Forty-four houses, 42 Council owned and two others, were disinfested by means of liquid insecticides, and 78 vans of furniture were fumigated with HCN during re-housing operations.

OFFENSIVE TRADES.

Number of premises...5.
Types of offensive trades : —

Fellmonger	...	...	...	1
Gut Scrapers	...	...	...	2
Rag and Bone Dealer...	...	...	...	1
Tripe Boiler	...	...	...	1

Thirteen inspections of these premises were made during the year, and all businesses were carried on without the creation of nuisances. The premises and equipment used for tripe boiling and gut scraping in the Public Abattoir are below the modern standards for those businesses, but, general repairs to the premises were carried out during the year.

FACTORIES ACT, 1937.

Details of the number of inspections made and of the number and type of contraventions found are given in the following tables:—

INSPECTIONS.

Premises.	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
Without mechanical-power	49	55	8	Nil.
With mechanical power	197	174	45	Nil.
Other premises	1	—	1	Nil.
Total	247	229	54	Nil.

DEFECTS FOUND.

	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (S.1) ...	4	—	—	4	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3) ...	1	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7) :—					
(a) Insufficient ...	18	2	—	4	—
(b) Unsuitable or defective ...	395	34	—	12	—
(c) Not separate for sexes ...	5	—	—	1	—
Other offences ...	—	—	—	—	—
Total ...	423	36	—	21	—

COMMON LODGING HOUSES.

Number on Register :—3.

Condition :—Fair. 23 inspections made during the year.

Keepers experienced difficulty in obtaining sufficient supplies of bedding at an economic price, and consequently the standard of accommodation was reduced. There is still a big demand for this type of accommodation and keepers sometimes find it necessary to turn intending lodgers away. Much can yet be done by educating the keeper to raise the standard of this type of premises.

HOUSES LET IN LODGINGS

Number on Register :—954.

Condition :—The premises are all below the bye-law standard, but little can be done at the present time to improve matters because of the shortage of building materials and labour. Many of them are only let off in lodgings because of the present housing position.

TENTS, VANS, SHEDS, ETC.

Verbal warnings were given by the Sanitary Inspectors for the removal of twelve vans. The warnings were effective and no further action was necessary.

UNDERGROUND SLEEPING ROOMS.

So far as present records show, there is no need for regulations.

CANAL BOATS.

Number inspected :—2. Number of Infringements :—Nil.

All boats ceased to operate on the Lancaster stretch of the canal in the early part of the year.

RAG FLOCK ACTS, 1911 AND 1928.

No. of premises in the district in which rag flock is manufactured, used or sold	...	...	...	...	6
No. of Inspections	...	...	...	...	3
No. of samples taken	...	...	...	...	3
All samples conformed to the legal standards.					

HOUSING.

Number of new houses erected during the year : -

	Prefabricated Houses		Traditional Permanent Houses
	Temporary	Permanent	
(i.) By Local Authority ...	—	—	38 houses 22 Duplex (60 houses or 82 dwellings)
(ii.) By other Local Authorities ...	—	—	—
(iii.) By other bodies or persons ...	9 Aluminium houses (Ministry of Works)	—	22 houses (private enterprise)

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	6,399
(b) Number of inspections made for the purpose ...	6,944
(2) (a) Number of dwelling houses (included in sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	6,395
(b) Number of inspections made for the purpose ...	6,937
(3) Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	388
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	1,931

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT THE SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers	16
--	----

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a) Proceedings under Sections 9, 10, and 16, of the Housing Act, 1936 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	Nil.
(2) Number of dwelling houses which were rendered fit after service of formal notices : —	
(a) By owners	Nil.
(b) By local authority in default of owners	Nil.

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 19

(2) Number of dwelling houses in which defects were remedied after service of formal notices :—

(a) By owners 14

(b) By local authority in default of owners Nil.

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made Nil.

(2) Number of dwelling houses demolished in pursuance of Demolition Orders Nil.

(d) Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit... .. Nil.

4. HOUSING ACT, 1936, PART IV.—OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year 82

(ii) Number of families dwelling therein 139

(iii) Number of persons dwelling therein 631

(b) Number of new cases of overcrowding reported during year 82

(c) (i) Number of cases of overcrowding relieved during year 109

(ii) Number of persons concerned in such overcrowding 399

HOUSING CONDITIONS.

1. GENERAL OBSERVATIONS.

During the year a survey of all houses in the City was commenced. By the end of 1947, 6,395 houses had been inspected, and details concerning their condition recorded in a visible filing system. Of the houses inspected, 217 were considered to be ripe for demolition, 155 were possibly within that category, and 16 require closing; 47 were found to be without a separate w.c., 1,953 were found to be without baths, and 2,647 without suitable food storage. The number found to be in need of fairly extensive repairs was 1,931. 838 houses were found to be between 80 and 100 years old.

The approximate number of back-to-back houses in the area is 20.

2. SUFFICIENCY OF SUPPLY OF HOUSES.

(a) Extent of shortage :—

Accurate figures will be available on completion of housing survey. At the end of 1947 there were 2,844 applicants on the waiting list for Council houses.

(b) Particulars of any housing scheme—

(i.) In hand. Hare Runs Estate.—3rd, 4th and 5th developments, 48 houses and 44 Duplex, representing 92 houses or 136 dwellings.

Hala Road Estate.—100 Easiform houses.

Morecambe Road.—52 aluminium temporary houses.

Ashton Road.—49 aluminium temporary houses.

(ii.) Contemplated. Hare Runs Estate.—6th development, 10 houses and 8 Duplex (18 houses or 26 dwellings).

Hala Road Estate.—100 Easiform and 170 traditional houses.

Westfield War Memorial Village.—8 houses.

War Dept., married quarters at Bowerham Barracks.—18 houses.

(c) Actual or anticipated population changes.

Housing survey has so far revealed a tendency towards a slight increase in the population and shows a definite increase in the number of family units.

3. OVERCROWDING.

Number of cases of overcrowding in houses owned by the local authority which have been relieved during the year ... 32

Existing overcrowding is due to lack of accommodation and not to inability to pay rents demanded.

4. FITNESS OF HOUSES.

(a) Difficulties found in action under Public Health or Housing Acts. Service of notices was restricted to works required to abate serious nuisances, and no progress was made with regard to the improvement and repair of houses generally.

(b) Number of houses which have not an adequate internal water supply 29

(c) Number of houses which have no separate water closet or other adequate sanitary accommodation ... 47

INSPECTION AND SUPERVISION OF FOOD.

1. MILK SUPPLY.

The administration of the Food and Drugs Act, 1938, and Milk and Dairies Regulations, 1926-43 :—

Further progress was made in 1947 in the drive to raise the standard of premises and equipment used for the retail distribution of milk.

One new two-compartment dairy, fitted with steam sterilising equipment, was completed during the year, and plans were prepared for another new dairy capable of handling 500 to 1,000 gallons of milk daily.

MILK (Special Designations) ORDERS, 1936 to 1946.

Number of Dealer's Licences (including supplementary licences) issued by the local authority during 1947, in respect of :—

“Tuberculin Tested” Milk :—

(i.) Bottling, Nil. (ii.) Distribution, 13.

“Accredited” Milk :—

(i.) Bottling, Nil. (ii.) Distribution, Nil.

Number of Licences issued in respect of “Pasteurised” Milk :—

(i.) Pasteurising Plants, Nil. (ii.) Retail Distributors, 2.

No licences were revoked or refused during the year.

DAIRIES, COWSHEDS AND MILKSHOPS.

Dairies are visited once a month and farms about twice a year.

Eight farms are accredited and five are up to a good standard, whilst the remaining five are in fair condition.

No structural alterations or major improvements were carried out during the year.

FARMS.

Number of Dairy Farms, 18. Approximate number of cows, 419.

Number of cowkeepers (including dairy farms), 18.

Number of inspections during the year, 24.

DAIRYMEN OR MILK PURVEYORS.

Number of dairymen or milk purveyors (other than cowkeepers), 130.

Action taken by local authority as to:—

(i.) Tuberculous Milk.

Number of samples submitted for biological test... 24.

Result—Positive ... Nil. Negative ... 24.

(ii.) Bacteriological Examinations.

All non-designated raw milk is subjected to methylene blue and coliform bacillus tests as prescribed for accredited standard. Special designated milks as per Milk (Special Designation) Regulations, 1936-46.

Number of samples, 166. Number satisfactory, 99.
Number unsatisfactory, 67.

SAMPLES OF MILK TAKEN FOR BACTERIOLOGICAL AND BIOLOGICAL TESTS.

TABLE 1. METHYLENE BLUE AND B. COLI.

No. of Samples Taken.		Nondescript Raw Milk.		Tuberculin Tested Milk.		Pasteurised Milk.
Total No. taken	...	129	...	18	...	19
No. satisfactory	...	80	...	8	...	11
No. unsatisfactory	...	49	...	10	...	8
Per. cent „	...	38.00%	...	55.50%	...	42.10%

TABLE 2. PHOSPHATASE TEST.

Total No. taken	...	—	...	—	...	19
No. satisfactory	...	—	...	—	...	14
No. unsatisfactory	...	—	...	—	...	5
Per cent. „	...	—	...	—	...	26.30%

TABLE 3.

TUBERCULOSIS.

Total No. taken	...	16	...	8	...	—
No. negative	...	16	...	8	...	—
No. positive	...	Nil.	...	Nil.	...	—
Per cent. positive	...	Nil.	...	Nil.	...	—

2. MEAT AND OTHER FOODS.

The following are particulars of meat inspection carried out during the year at the abattoir.

Number of animals slaughtered at abattoir :—

Cattle	...	...	...	3,587
Calves	...	...	...	5,904
Sheep	...	...	...	11,284
Pigs	...	...	...	892

Amount of meat condemned :—

(a) For tuberculosis :

			Tons.	Cwts.	Qrs.	Lbs.
Cattle	...	...	40	6	1	9
Calves	...	...	0	1	1	8
Sheep	...	...	—	—	—	—
Pigs	...	...	—	7	1	10
			40	14	3	27

(b) For other conditions :

Cattle	...	...	33	5	1	16
Calves	...	...	—	17	0	18
Sheep	...	...	4	1	2	16
Pigs	...	...	—	4	0	21
			38	8	1	15

Particulars of foodstuffs condemned during 1947 :—

233 visits were made to food shops and stores, and the following amounts of food were condemned as unfit for human consumption :

		Tins.	Tons.	Cwts.	Qrs.	Lbs.
Tinned Meat	...	516	0	9	1	26
„ Milk	...	1352	0	11	0	18
„ Fish	...	1359	0	9	2	22
„ Fruit	...	88	0	1	3	8
„ Vegetables	...	641	0	7	3	3
Miscellaneous	...	270	0	3	0	7
		4,226	2	3	0	0

				Tons.	Cwts.	Qrs.	Lbs.
Bacon	...	...	...	0	13	3	14
Cake	...	...	...	0	0	1	24
Cakes, Potato	...	...	...	0	0	2	21
Cereals	...	...	...	0	0	3	7
Cheese	...	...	...	0	0	0	14
Fish Cakes	...	...	...	0	0	1	10
Fish (Cured)	...	...	...	0	2	0	14
Fish (Fresh)	...	...	...	0	11	3	7
Flour, Self-raising	...	...	...	0	0	0	5
Flour, Soya	...	...	...	0	0	2	0
Fruit and Vegetables, Fresh	...	...	...	0	13	2	26
Fruit, Dried	...	...	...	0	1	0	17
Ham	...	...	...	0	7	0	15
Margarine	...	...	...	0	0	0	1
Meat	...	...	...	0	1	0	15
Pickles	...	...	...	0	0	0	16
Preserves...	...	...	...	0	0	0	4
Salt	...	...	...	0	0	0	1
Sausage	...	...	...	0	0	1	21
Semolina...	...	...	...	0	0	2	22
Sugar	...	...	...	0	0	0	4
				2	15	1	6

Also 120 Eggs and 100 Meat Pies.

Legal Proceedings ... Nil.

3. INSPECTION OF FOOD PREMISES.

166 visits were made to food premises. During the year the City Council fixed precise standards for premises, equipment and operational routine for the manufacture, storage and sale of ice cream. These standards were circulated to all persons within the City known to be interested in the manufacture and sale of ice cream. Copies were also sent to all architects in the City, and model plans were supplied on request.

SAMPLING OF FOOD AND DRUGS.

The following foods and drugs were submitted for analysis :—

MILK.		Deficient.		
No. of Samples taken.		No. of poor quality (not adulterated).	Legal proceedings not considered warranted.	Obviously Adulterated.
Formal	... 72	29	—	—
Informal	...146	30	—	—
		Milk Fat.	Non-fatty solids.	Water.
Average for the year		3·19%	8·67%	88·14%
Legal minimum standard...		3·00%	8·50%	88·50%

AVERAGE DAILY CONSUMPTION OF MILK.

Description.	Daily Consumption in Gallons.		Per Centum of Whole.
Non-designated raw milk	...	2192	76·00%
Pasteurised milk	...	235	8·15%
Tuberculin-tested milk	...	457	15·85%
Total	...	2884	100%

ANALYSIS OF OTHER FOODS AND DRUGS.

Food or Drug.	No. of samples taken.		Not genuine.	Remarks.
Bi-Carbonate of Soda	...	1	—	
Brandy	...	1	—	
Brawn	...	1	—	
Butter	...	2	—	
Cheese	...	1	—	
Chocolate Cup	...	1	—	
Cocoa	...	1	—	
Coffee	...	1	—	
Essence, Lemon Flavouring	...	1	—	
Fat, Cooking	...	1	—	
Flour, Self Raising	...	1	—	
Gravy Browning	...	1	—	
Gravy Maker (Grox)	...	1	—	
Gin	...	1	—	
Honey	...	1	—	
Jam	...	1	—	

Food or Drug.			No. of Samples taken.	Not genuine.	Remarks.
Jelly Crystals	...	...	1	—	
Juice, Apple	...	...	1	—	
„ Grape Fruit...	...	...	1	—	
„ Orange	...	...	1	—	
„ Tomato	...	...	1	—	
Lemon Curd	...	...	1	—	
Margarine	...	...	2	—	
Milk, Condensed	...	...	1	—	
Mints	...	...	1	—	
Minced Beef	...	...	1	—	
Paste, Anchovy Fish	...	...	1	—	
„ Salmon	...	...	1	—	
Pepper, Black	...	...	1	—	
Powder, Baking	...	...	1	—	
„ Golden Raising...	...	...	1	—	
„ Junket	...	...	1	—	
„ Lemonade	...	...	1	—	
Rum	...	...	1	—	
Salt	...	...	1	—	
Sauce	...	...	1	—	
Sausage	...	...	2	—	
Squash, Grape Fruit	...	...	1	—	
Stuffing, Sage and Onion...	...	...	1	—	
Sugar	...	...	1	—	
Syrup	...	...	1	—	
Tablets, Aspirin	...	...	1	—	
„ Malt Extract	...	...	1	—	
„ Saccharin	...	...	2	—	
Tea	...	...	1	—	
Vinegar	...	...	2	—	
Whisky	...	...	1	—	
Wine, Port	...	...	1	—	
„ Ruby	...	...	1	—	
			54	—	

LEGAL PROCEEDINGS DURING 1947.

Date.	Offence.	Result.
19/6/47	Public Health Act, 1936, Sections 92, 93, and 94. Non-compliance with Abate- ment Notice.	Nuisance Order made for 56 days.

WATER SUPPLY.

No alterations in the source of supply of water were made during the year. The water, which is partly moorland surface water from the Council's own catchment area, and partly from Manchester's Thirlmere supply, is subjected to mechanical filtration and chlorination.

13,050 dwelling houses have an internal piped supply; 15 have an individual piped supply which is situated in buildings at the rear of the houses; one block of seven houses and another block of three houses rely on a common standpipe for each block. One house is supplied by a spring, one from a stream, and one is reliant on rain water. These latter houses are situated in the rural part of the area, and it has not been reasonably practicable to provide a piped supply.

SAMPLING OF TAP WATER.

Twelve samples of tap water from houses were submitted for analysis and twenty-nine for bacteriological examination. The reports, abstracts of which are given in the following table, indicate that the supply was satisfactory.

Chemical examination of tap water :—

Test.	22/4/47.	22/4/47.	22/4/47.	27/8/47.	27/8/47.	7/10/47.	7/10/47.	29/12/47.	29/12/47.
Colour ...	Normal	Normal	Normal	Normal	Normal	—	—	Normal	Normal
Turbidity ...	Nil.	Nil.	Very sl. deposit	Nil.	Very sl. deposit	—	—	Nil.	Nil.
Oxygen Absorbed..	0.048	0.076	0.166	0.028	0.046	Nil.	—	0.073	0.083
Free and Saline Ammonia ...	0.0014	0.0010	0.0012	0.0010	0.0006	0.0020	0.001	0.006	0.0186
Albuminoid Ammonia ...	0.0054	0.0036	0.0066	0.0012	0.0030	0.0032	0.003	0.004	0.0034
Nitrous Nitrogen...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Minute trace	Minute Nil.	Nil.
Nitric Nitrogen ...	0.04	0.02	0.04	0.02	0.02	0.02	Nil.	Nil.	0.05
Chlorides ...	1.2	1.2	1.2	1.2	1.2	1.2	1.10	1.00	1.2
Hardness, Temp.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	—	—	Nil.
Clarke's Perm't	6.0	5.5	6.5	4.5	4.5	5.0	—	—	7.0
Method Total	6.0	5.5	6.5	4.5	4.5	5.0	3.0	2.7	8.5
Reaction, pH. ...	7.5	7.5	10.0	8.0	8.5	7.5	6.9	7.1	7.5
Action on Lead ...	0.24	0.30	0.16	0.18	0.12	0.04	0.006	0.003	0.04
Metals ...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	*—	*—	Nil.

* Sent for analysis to Liverpool—information not shown—was not given on report.

In addition to the samples of tap water, 9 samples of raw water and 15 samples of filtered water were taken on behalf of the City Engineer from the reservoirs and filter-houses.

BACTERIOLOGICAL EXAMINATION OF TAP WATER.

Date.	Aerobic micro-organisms growing in yeastrel agar		Probable No. of coliform organisms per 100 c.c. of water.	District sample taken.	Remarks.
	in 3 days at 22°C.	in 2 days at 37°C.			
21/1/47	approx. 20	4	0	J. o'Gaunt.	
do.	8	2	0	Skerton W.	
do.	approx. 53	10	0	do.	
22/4/47	27	0	0	do.	
do.	19	3	1	Castle	
do.	36	2	0	J. o'Gaunt	
13/5/47	23	2	0	Skerton W.	
do.	3	1	0	do.	
do.	38	2	0	Park	
17/6/47	40	1	0	do.	
do.	approx. 140	4	0	do.	
do.	970	0	0	Scotforth	
22/7/47	16	1	0	St. Anne's	
do.	24	3	1	Park	
do.	35	1	0	St. Anne's	
27/8/47	24	5	0	J. o'Gaunt	
do.	32	3	8	Scotforth	Some of the Coli- form organisms were of faecal origin.
do.	18	11	0	Park	
17/9/47	16	7	8	Scotforth	The Coliform organisms were of faecal origin.
do.	1,430	6	25	J. o'Gaunt	do.
do.	15	3	1	Scotforth	
7/10/47	3	3	1	do.	The Coliform organisms isola- ted were of faecal origin.
do.	88	2	0	J. o'Gaunt	
do.	21	4	1	Skerton W.	
do.	0	0	0	Scotforth	
do.	3	0	0	J. o'Gaunt	
29/12/47	86	2	0	do.	
do.	approx. 7	1	1	Skerton W.	do.
do.	50	4	0	do.	

BACTERIOLOGICAL EXAMINATION OF SWIMMING BATH WATER.

Thirteen samples of Swimming Bath water were submitted for bacteriological examination and extracts from the reports are given below :—

Date.	Aerobic micro-organisms growing in yeastral agar		Probable No. of coliform organisms per 100 c.c. of water.	Bath from which sample was taken.	Remarks.
	in 3 days at 22°C.	in 2 days at 37°C.			
13/5/47	184	15	0	Lancaster R.G. School.	
do.	Approx. 800,000	Approx. 960,000	13	Corp. Minor Plunge.	
do.	272,000	237,000	2	Corp. Major Plunge.	
18/6/47	2,400	1,600	0	Corp. Minor Plunge.	
do.	43,000	5,600	0	Corp. Major Plunge.	
do.	18,300	13,000	0	Lancaster R.G. School.	
22/7/47	26,400	5,300	11	Lancaster R.G. School.	Chlorinating plant out of order.
do.	320	305	0	Corp Major Plunge.	
do.	5,680	2,390	0	Corp. Minor Plunge.	
27/8/47	Approx. 32,000	245	0	Corp. Major Plunge.	
do.	5,000	1,390	0	Corp. Minor Plunge.	
17/9/47	1,640	167	1	Corp. Major Plunge.	The coliform organisms isolated were of faecal origin.
do.	45	Approx. 50	0	Corp. Minor Plunge.	

PLACES OF ENTERTAINMENT. —CINEMAS.

Twenty-three inspections of cinemas were made during the year and all six premises were, generally speaking, maintained in a clean condition.

Improvements were made to sanitary conveniences at one cinema, but a comprehensive scheme for providing additional sanitary accommodation and air conditioning in three other cinemas had again to be postponed because of inability to obtain building licences.

ADMINISTRATION OF RATS AND MICE (DESTRUCTION) ACT, 1919.

Details of the premises visited, number found to be infested, and estimated kill of both rats and mice are given in the following tables :—

INSPECTIONS.

Complaints received and investigated.			Infestations found as a result of complaints.			Routine Inspections	Infestations found as a result of routine inspections.		No. of re-inspections and re-visits.
Rats	Mice	Rats and Mice	Rats	Mice	Rats and Mice		Rats	Mice	
20	20	1	63	25	3	558	33	34	2041

TREATMENT OF INFESTED PREMISES.

No. of traps set.		Pre-baits laid.		Post-baits laid.		Poison baits laid.		Test baits laid.	
Rats	Mice	Rats	Mice	Rats	Mice	Rats	Mice	Rats	Mice
59	52	2040	4286	691	631	1294	2373	729	104

Estimated kill.		Bodies recovered.	
Rats	Mice	Rats	Mice
2583	3623	59	69

PREMISES CLEARED, ETC.

Premises cleared of rats.	Premises cleared of mice.	No. of drains tested.	Drains found to be defective.
76	43	58	34

DISINFECTION AND DISINFESTATION OF PREMISES, Etc.

Information concerning the disinfection and disinfestation of premises and articles carried out during the year is given in the following tables :—

DISINFECTION (Premises).

Premises Disinfected.			Single Rooms Disinfected.		
No. of Whole Houses.	No. of Ships.	No. of other Premises.	In Houses.	In Ships.	In other Premises.
2	Nil.	Nil.	75	Nil.	8

DISINFECTION (Books and other Articles).

Books Disinfected.		Other Articles.	Articles Destroyed.	
Public Library.	Private Library.		Books.	Other Articles.
103	7	2	Nil.	6

DISINFESTATION.

Premises.		Single Rooms.	Articles.	Articles destroyed.
Corporation Houses	42	6	1	1
Other Houses ...	2	11	Nil.	Nil.
Ships ...	Nil.	Nil.	Nil.	Nil.
Other Premises ...	4	Nil.	Nil.	Nil.
Totals ...	48	17	1	1

PORT HEALTH AUTHORITY.

There were no notifications of infectious disease on board ship.

In two instances it was necessary to give verbal warnings for minor contraventions of the Public Health Act, 1936, and the Port Health Regulations but, generally speaking, all ships inspected were found to be in a satisfactory condition.

Number of Inspections by Medical Officer of Health	7
Number of Inspections by Sanitary Inspector ...	8

STATISTICS RELATING TO
SCHOOL MEDICAL INSPECTION
DURING THE YEAR
1947.

TABLE 1.

MEDICAL INSPECTION OF CHILDREN ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Schools whose inspection was completed	...	64
Number of Inspections in the prescribed groups :		
Entrants	... ..	1047
Second age group	... ..	807
Third age group	... ..	429
		<u>2283</u>
Number of Parents present at Routine Inspections	...	686

B.—OTHER INSPECTIONS.

	In Schools.	In School Clinics.	Total.
Number of Special Inspections	534	554	1088
Number of Re-inspections ...	1,915	220	2,135
Totals ...	<u>2,449</u>	<u>774</u>	<u>3,223</u>
Number of Parents present at Special Inspections ...	—	591	591

C.—CHILDREN FOUND TO REQUIRE TREATMENT.

NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE MEDICAL
INSPECTION TO REQUIRE TREATMENT (EXCLUDING DEFECTS OF
NUTRITION, UNCLEANLINESS, AND DENTAL DISEASES).

Group (All Schools).	Defective Vision (excluding Squint).	All other Conditions.	Total (Individual Children).
Entrants	22	63	85
Second Age Group	17	38	55
Third Age Group	5	14	19
Total	44	115	159

TABLE II.

RESULTS OF MEDICAL INSPECTION DURING THE YEAR IN PRIMARY
AND SECONDARY SCHOOLS AND IN SCHOOL CLINICS.

A.—DEFECTS FOUND.

Number of Children examined					Routine Inspections. 2,283		Special Inspections. 1,088	
Disease or Defect.					Routine Inspections.		Special Inspections.	
					Number of Defects.		Number of Defects.	
					Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.
<i>Skin</i>					14	22	24	24
<i>Eyes.</i>								
Vision					39	86	18	46
Squint					6	28	5	9
Other Conditions					2	23	9	17
<i>Ears.</i>								
Hearing					—	12	—	11
Otitis Media					3	1	1	1
Other Ear Diseases					—	13	1	6
<i>Nose or Throat</i>					53	386	9	113
<i>Speech</i>					1	18	—	17
<i>Cervical Glands</i>					1	53	4	6
<i>Heart and Circulation</i>					4	56	—	3
<i>Lungs</i>					2	46	3	9
Carried forward ...					125	744	74	262

Disease or Defect	Routine Inspections.		Special Inspections.	
	Number of Defects.		Number of Defects.	
	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.	Requiring treatment.	Requiring to be kept under observation, but NOT requiring treatment.
Brought forward ...	125	744	74	262
<i>Developmental.</i>				
Hernia ...	—	4	2	—
Other ...	—	1	1	—
<i>Orthopædic.</i>				
Posture ...	6	53	—	4
Flat-foot ...	9	14	—	2
Other ...	4	55	3	16
<i>Nervous System.</i>				
Epilepsy ...	—	2	—	—
Other ...	—	2	—	—
<i>Psychological.</i>				
Development ...	—	4	—	1
Stability ...	—	—	—	—
<i>Other</i> ...	19	61	37	41
Total ...	163	940	117	326

B.—CLASSIFICATION OF THE GENERAL CONDITION OF CHILDREN INSPECTED DURING THE YEAR IN THE ROUTINE AGE GROUPS.

Age-Groups (All Schools).	Number of Children Inspected.	A. (Good)		B. (Fair)		C. (Poor)	
		No.	%	No.	%	No.	%
Entrants ...	1047	415	39'6	495	47'3	137	13'1
Second Age Group ...	807	323	40'0	347	42'9	137	17'0
Third Age Group ...	429	104	24'2	293	68'3	32	07'5
Total ...	2283	842	36'9	1135	49'7	306	13'4

TABLE III.

TREATMENT TABLES.

RETURN OF DEFECTS KNOWN TO HAVE RECEIVED TREATMENT
DURING THE YEAR, EITHER AT THE AUTHORITY'S CLINICS OR
ELSEWHERE.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness).

(a)	Disease or Defect.	No. of defects treated or under treatment during the year.				
Skin :—						
Ringworm—Scalp—						
(i.)	X-ray Treatment ...	...	...	...	...	2
(ii.)	Other Treatment ...	...	...	...	...	15
	Ringworm—Body ...	...	...	...	...	14
	Scabies ...	...	...	...	...	27
	Impetigo ...	...	...	...	...	269
	Other Skin Disease...	...	...	...	...	412
	Minor Eye Diseases ...	...	...	...	...	85
	Minor Ear Defects ...	...	...	...	...	65
	Miscellaneous (e.g., minor injuries, bruises, sores, chilblains, etc.) ...	...	...	...	...	557
						<hr/>
	Total ...	...	...	...	...	1,446
						<hr/>
(b)	Total number of attendances at Authority's Minor Ailments Clinics ...					4,488

GROUP II.—DEFECTIVE VISION AND SQUINT
(excluding Eye Diseases treated as Minor Ailments).

Number of Defects dealt with.		Number of Children for whom Spectacles were—	
Errors of Refraction (including Squint).	Other Defect or Disease of the Eyes	Prescribed.	Obtained.
410	2	241	225

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

NUMBER OF DEFECTS.			
Received operative treatment.		Received other forms of treatment.	Total number treated.
For Adenoids and Chronic Tonsillitis.	For other Nose and Throat Conditions.		
66	—	15	81

GROUP IV.—ORTHOPÆDIC AND POSTURAL DEFECTS.

- (a) Number treated as In-patients in Hospitals or Hospital Schools 6
- (b) Number treated otherwise, *e.g.*, in Clinics or Out-patient Departments 91

GROUP V.—CHILD GUIDANCE TREATMENT AND SPEECH THERAPY.

- Number of children treated—(a) under Child Guidance arrangements ... —
- (b) under Speech Therapy arrangements ... 21

TABLE IV.
A.—RETURN OF HANDICAPPED CHILDREN IN THE AREA.

Category.	In Special Schools		In Maintained Primary & Secondary Schools		In Independent Schools		Not at School		Total	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
A.—Blind	1	1	—	—	—	—	—	—	1	1
B.—Partially Sighted	2	3	2	2	—	—	—	—	4	5
C.—Deaf	3	2	—	2	—	—	—	—	3	4
D.—Partially Deaf...	—	—	4	1	—	—	—	—	4	1
E.—Delicate	1	6	31	39	—	—	—	3	32	48
F.—Diabetic	—	—	3	2	—	—	—	—	3	2
G.—Educationally Sub-normal ...	1	3	60	36	—	—	1	1	62	40
H.—Epileptic	1	3	2	3	—	—	—	1	3	7
I.—Maladjusted ...	—	—	8	2	—	—	—	—	8	2
J.—Physically Handicapped...	—	1	19	13	—	—	2	2	21	16
K.—Speech Defect ...	—	—	12	7	—	—	—	—	12	7

GROUP V.—INFESTATION WITH VERMIN.

Work of the School Nurses or other Authorised Persons.

Total number of visits paid to schools	...	...	...	282
Average number of visits per school made during the year				11
Total number of examinations of children in the schools...				23383
Total number of individual children found to be infested...				491
Number of individual children in respect of whom Cleansing Notices were issued (Sect. 54(2) Edn. Act, 1944)	...			—
Number of individual children in respect of whom Cleansing Orders were issued (Sect. 54(3) Edn. Act, 1944)	...			—
Number of interviews with parents	...	...	...	83
Number of visits to homes	...	...	...	166



